

Converting Colors

Hex(6771AA)

Have a look what the booklet for
Hex(6771AA) contains.

Hex(6771AA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6771AA)

Conversions

Conversions Part 1

Format	Color
Hex	6771AA
RGB	103, 113, 170
RGB Percent	40%, 44%, 67%
CMY	0.5961, 0.5569, 0.3333
CMYK	0.39, 0.34, 0.00, 0.33
HSL	231°, 28%, 54%
HSV	231°, 39%, 67%
XYZ	18.7543, 17.5961, 40.4381
YIQ	116.5080, -24.2570, 15.6070

Conversions

Conversions Part 2

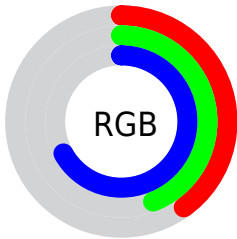
Format	Color
R_{YB}	103, 112, 170
Decimal	6779306
CIE _{Lab}	49.00, 10.90, -31.69
CIE _{LCh}	49, 33.511, 288.990
Yxy	17.5961, 0.2442, 0.2291
Android (android.graphics.Color)	4284969386 (0xFF6771AA)
YUV	116.5080, 26.3716, -11.8465
Hunter-Lab	41.9477, 6.3969, -27.7929

Details

The Hex color **6771AA** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AAA067**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **9CA5E2**, and **334175** is the 20% darker color. If you saturate the color by 10%, you get **5663AA**, and if you desaturate by 10%, it is **787FAA**.

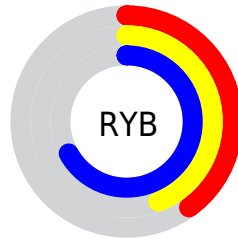
Distribution



Red (40%)

Green (44%)

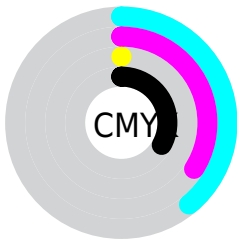
Blue (67%)



Red (40%)

Yellow (44%)

Blue (67%)

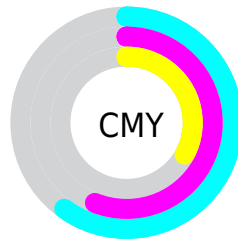


Cyan (39%)

Magenta (34%)

Yellow (0%)

Black (33%)



Cyan (60%)

Magenta (56%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6771AA changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 6771AA by changing the saturation by 10% instead.

■ 6771AA

■ 6771AA

FFFFFF

■ 4D598F

■ 9CA5E2

■ 334175

■ B8C0FE

■ 182C5D

■ D4DCFF

■ 001745

■ F1F8FF

■ 00002E

■ 000118

■ 000000

■ 6771AA

■ 6771AA

■ 5663AA

■ 787FAA

■ 4554AA

■ 898EAA

■ 3446AA

■ 9A9CAA

■ 2337AA

■ ABABAA

■ 1229AA

■ BCB9AA

■ 011AAA

■ CDC8AA

■ 0019AA

■ DED6AA

■ EFE5AA

■ FFF3AA

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



2F7AAC



6771AA



8D669A

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6771AA



A3654B



298369

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



6771AA



AAA067

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



547F4E



6771AA



8F6F3C

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6771AA



AB5E63



74783D



008386

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6771AA



9F6189



74783D



39825F

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



6771AA



C3C7DE



67AAA0



606370



F0F0F0



707070

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



6771AA



7685DE



7E67AA



4C4D54



001694



000314

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



AA6771



DE7685



93AA67



544C4D



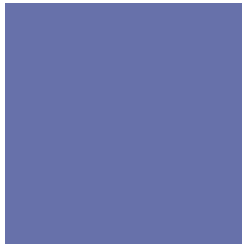
940016



140003

Previews

White Background



This preview shows how the Hex color 6771AA looks on a white background.

Color Contrast Check

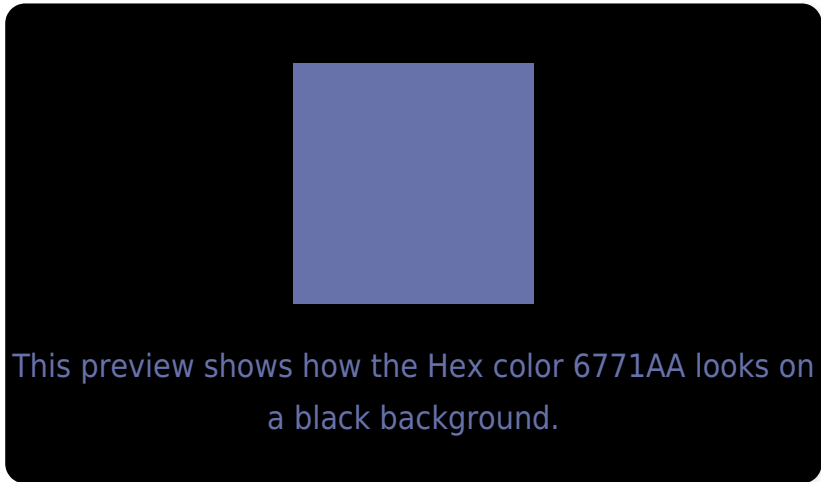
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6771AA Background



This preview shows how black text looks on a background with the Hex color 6771AA.



This preview shows how white text looks on a background with the Hex color 6771AA.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
6771AA

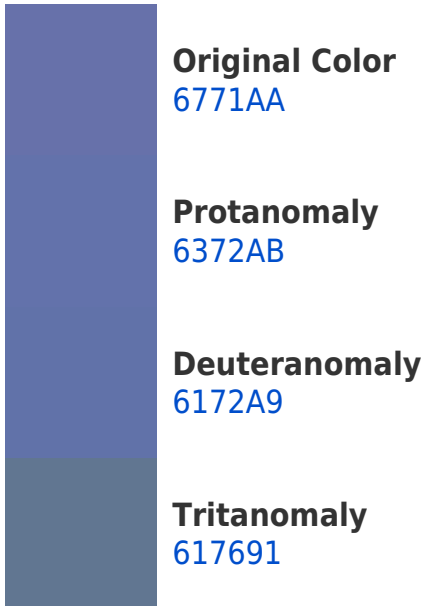
Protanopia
6172AB

Deuteranopia
5E73A9



Tritanopia
5D7983

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6771AA is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #6771AA looks like.

```
.text, #text, p{  
    color:#6771AA  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #6771AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6771AA
}
```

Border

The CSS property to change the border of an element to Hex 6771AA is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6771AA }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#6771AA }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #6771AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6771AA; -webkit-box-shadow:4px 4px  
4px 4px #6771AA; box-shadow:4px 4px 4px  
4px #6771AA }
```

Background

The CSS property to change the background color of an element to Hex 6771AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6771AA }
```

If only the background color should be changed can be used:

```
.background{ background-color:#6771AA }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor